**Platform-MMDD (Day Month 2020)**

Responsible Reporting Person

*In the following the italic text should be deleted in favor of the content that it describes, and subsection headings and table entries should be modified according to what is actually happening. File should be named Brown\_0106 and saved and shared as a pdf, i.e., Brown\_0106.pdf*

**1. Objective**

*Brief statement of purpose of idea for the day and the extent it was intended to be coordinated with other platforms. This might read something like Meteor followed its upwind loop centered at 57W, with three hourly CTDs, and attempts to follow clouds with Kite between 12:30 and 14:30 UTC. No coordination with other platforms on this day, but released radio sondes every 2hr’*

**2. Synoptic Situation**

*Qualitative and quantitative description of weather and sea-state, and how it changed (or not) over the 24 hour period.*

*Optimally a more descriptive of qualitative paragraph will be augmented by hard numbers (mean RH, wind speed, SSTs etc.,) as suggested by the table elements below. In the more descriptive part some indication of cloud patterns or unusual features, such as Langmuir cells or Sargassum (also times) would be helpful. When there is coordination with other platforms a brief description of how this happened e.g., "overflights by HALO at four points during the day” could be indicated.*

| Field | Quantity | Notes |
| --- | --- | --- |
| RH | (83.5,12.2) | deck level |
| Tair | (27.2,0.2) | deck level |
| Wind |  | deck level |
| SST |  | indicate inlet |
| Salinity |  | indicate inlet |
| Precipitable water | (28.6,2.0) | from 3 soundings |
| CN | (300,28) |  |
| Dust | ?? | some indicator? |
| Trade Inversion |  |  |
| Cloud Obs (low/mid/high) | 0,1,4 | Octal scale and time |
| Cloud Obs (low/mid/high) | 0,1,4 | new time |

**3. Cruise-day Elements**

*Please delete empty table rows, or add additional rows as necessary. Formatting with solid line at the base of the table makes its delineation from the text clearer.*

| Element | Position [ºN, ºW] | Time [UTC] | Notes |
| --- | --- | --- | --- |
| HALO overflight | 14º 12’ 18’, 51º 33’ 27” | 12:52 | saw dropsonde |
| CTD Cast 1 | 13º 52’ 12’, 51º 18’ 17” | 14:28-14:58 |  |
| CTD Cast 2 | 14º 12’ 18’, 51º 16’ 07” | 16:34 — 16:55 | quick cast to 200 m |
|  |  |  |  |
|  |  |  |  |

*Text here should add qualitative overviews of what was selected as major flight elements. The subject headings in bold below are just illustrative. For instance (below I make things up, just for illustration). These elements should refer to the table, no need to be exhaustive, the purpose is to give an overview, particularly regarding those things that differ with respect to the regular pattern.*

**Inter-calibration:**  Coordinated leg with ATR at certain region, indicating relative positions of plane, i.e., HALO overflight of ATR and TO along leg ...

**CTD Stations:** Maybe mention the number of stations, how deep the casts were, and some basic features, *i.e.,* mixed layer depth, and how it varied.

**Overflights:** Mention where the aircraft was relative to ship.

**4. Instrument Status**

*This can be as brief as: all instruments operational. Again the important thing is to note anomalies from the regular patter, i.e., “lidar down between 14:37 UTC and 18:12 UTC..*

**5. Outlook**

**6. Figures**

*Don’t overdo this, but some standard figures to start with, which one would show every day, would be helpful. For the ships this includes: i) a map showing its location for the 24 hour period; ii) time-series for the 24 hr period showing wind-speed, direction, SST, salinity, surface air (2m) temperature, and 2m Relative Humidity; iii) a few photographs, of sky and sea-state; iv) quick looks of other data as relevant (for instance if there was a dust event, then maybe a time-series of optical depth or some related quantity, If CCN is available this would be great.*